



Skin manifestations of arthropod-borne infection in Latin America

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Abstract:

PURPOSE OF REVIEW: Arthropods are a significant cause of human skin lesions and infections, especially in Latin America. This review summarizes recent articles on the cutaneous manifestations of arthropod-borne diseases, with an emphasis on those diseases causing direct skin damage but also considering those systemic diseases with cutaneous manifestations. **RECENT FINDINGS:** Studies have shown a variety and increase of cutaneous manifestations caused by arthropod-borne infections, including petechiae, purpura, ulcers, nodules, atrophic, miliary and hyperpigmented lesions. Although unspecific, when considering other features they become a useful tool in the diagnostic approach. Unusual cutaneous presentation of these diseases has been found to be associated with development of immunity, virulent strain, drug resistance and immunosuppressive states. Also, because of globalization, climate change and large-scale migration, these manifestations have spread to new areas. **SUMMARY:** Cutaneous manifestations of arthropod-borne infections are varied and nonspecific. Their atypical presentations are mainly related to immune impairment and strain virulence. When considering a patient with skin lesions, other clinical and laboratory features must be taken into account in order to make an accurate diagnostic approach.

Source: <http://dx.doi.org/10.1097/qco.0000000000000060>

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Unspecified Exposure

Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Central/South America, Non-U.S. North America



Climate Change and Human Health Literature Portal

Health Impact: ☐

specification of health effect or disease related to climate change exposure

Infectious Disease

Infectious Disease: Vectorborne Disease

Vectorborne Disease: Fly-borne Disease, Mosquito-borne Disease

Fly-borne Disease: Leishmaniasis, Onchocerciasis, Trypanosomiasis, Other Fly-borne Disease

Fly-borne Disease (other): Verruga Peruana

Mosquito-borne Disease: Dengue, Malaria, Yellow Fever

Resource Type: ☐

format or standard characteristic of resource

Review

Timescale: ☐

time period studied

Time Scale Unspecified